

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 7/16/99 are:

A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings. Black ink. Color. Computer generated images. Color drawings are not acceptable until petition is granted. Fig(s) _____
2. PHOTOGRAPHS. 37 CFR 1.84 (b): 1 full-tone set is required. Fig(s) _____
 Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____
 Poor quality (half-tone). Fig(s) _____
3. TYPES OF PAPER. 37 CFR 1.84(e): Paper not flexible, strong, white, and durable; Fig(s) _____
 Erasures, alterations, overwritings, interlinings, folds, copy machine marks not accepted. Fig(s) _____
 Mylar, vellum paper is not acceptable (too thin). Fig(s) _____
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4)
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 All drawing sheets not the same size! Sheet(s) _____
 Drawings sheets not an acceptable size. Fig(s) _____
5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm
 SIZE: A4 Size
 Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm
 SIZE: 8 1/2 x 11 1/2
 Margins not acceptable. Fig(s) _____
 Top (T) Left (L) Bottom (B) Right (R) Bottom (B)
6. VIEWS. 37 CFR 1.84(h):
 REMINDER: Specification may require revision to correspond to drawing changes.
 Partial views. 37 CFR 1.84(h)(2): Brackets needed to show figure as one entity. Fig(s) _____
 Views not labeled separately or properly. Fig(s) _____
 Enlarged view not labeled separately or properly. Fig(s) _____
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3): Hatching not indicated for sectional portions of an object. Fig(s) _____
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

REMARKS RE-drawn and re-submitted drawings

ARRANGEMENT OF VIEWS. 37 CFR 1.84(f):

Words do not appear on a horizontal left-to-right fashion and when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

SCALE. (37 CFR 1.84(e)): Words grow with the object.

Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____

CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i):

Lines; numbers & letters not uniformly thick and well defined; clean, durable, no black (poor line quality). Fig(s) _____

10. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p):

Figures and reference characters not plain and legible. Fig(s) _____

11. SHADING. 37 CFR 1.84(m): Hatching inappropriate. Fig(s) _____

Solid black areas pale. Fig(s) _____

12. LEAD LINES. 37 CFR 1.84(q):

Lead lines cross each other. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(f):

Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u):

Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w):

Corrections not made from prior PTO-948 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152:

Surface shading shown not appropriate. Fig(s) _____

Solid black shading not used for color contrast. Fig(s) _____

COMMENTS

REVIEWER Q.D.DATE 9/18/99TELEPHONE NO. 4ATTACHMENT TO PAPER NO. 4